

DEC 1951 51-48

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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

COUNTRY USSR (Estonia)

SUBJECT Targets Used in Anti-Aircraft Artillery Practice in Tallin

DATE DISTR. 28 Jun 1954

NO. OF PAGES 1

NO. OF ENCLS.

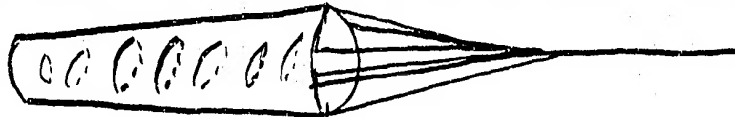
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REPORT NO.

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1. "The flying targets used by anti-aircraft artillery in Tallin were made of large tarpaulin 'sleeves' which were called 'dipol sleeves' (dipolnye rukava). These sleeves were 20 meters long and had a diameter of 6 m. in front and 3 m. at the back. Seven copper wires were sewed into both sides of the sleeve and these copper wires were used as reflectors for the radar stations used in firing anti-aircraft batteries.
2. "The sleeves were pulled by airplanes by means of a 1500-2000 m. long cable. The sleeves were attached to the cable by means of six ropes each 50 m. long:



The sleeves were of various colors and had signs and figures on the sides.

3. "The firing practices of medium-calibre anti-aircraft artillery were conducted at a height of 4000-10,000 m.
4. "During firing practice 'dipol pilot balloons' (dipolnye shary-piloty) were released. Sections of copper wire with cross section of 1 mm. were sewn into the sides of the 'pilot balloons' and the wires had the length of half the wave of the firing battery's radio-location station. The apparatus 'PUAZO-3' was also used at the anti-aircraft artillery firing practices. Automatically and by means of 'electrical indexes' this apparatus gave all data required for firing to every gun of an anti-aircraft battery. The required operations of the gun, however, were executed by hand (the numbers of the gun turned the levers of the mechanisms [sic])"

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